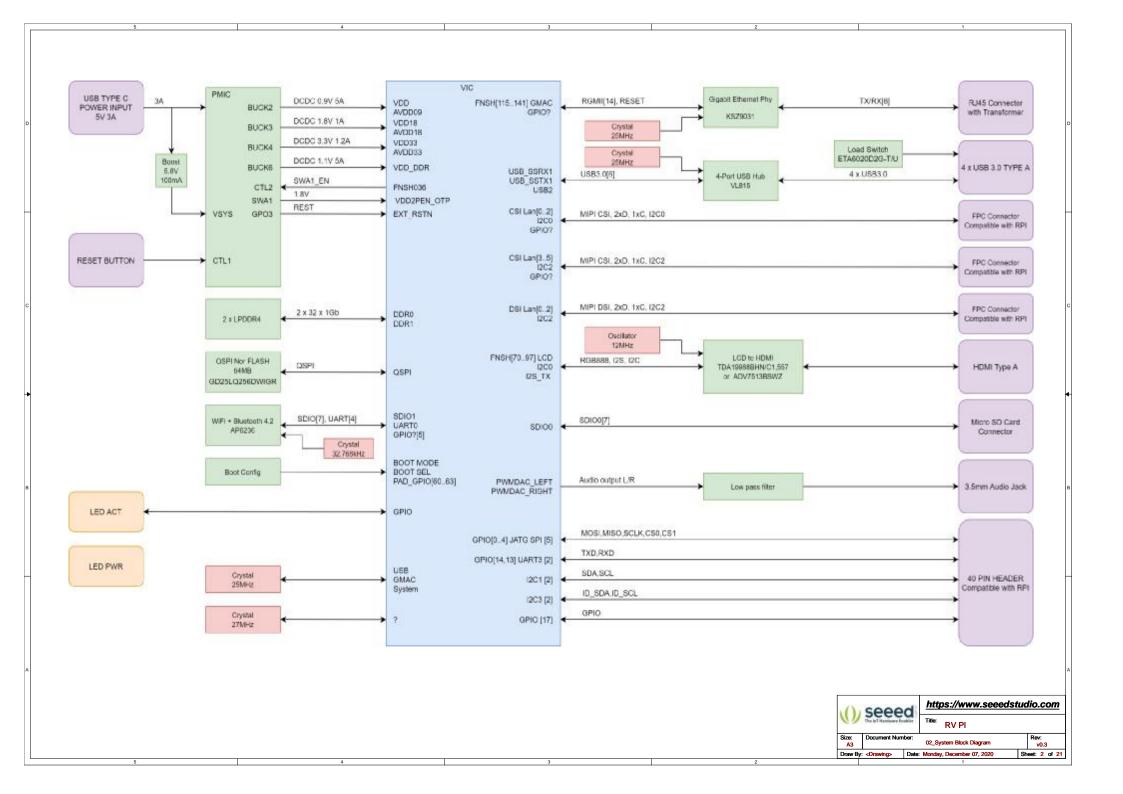
Schematic: Expansion Accessory

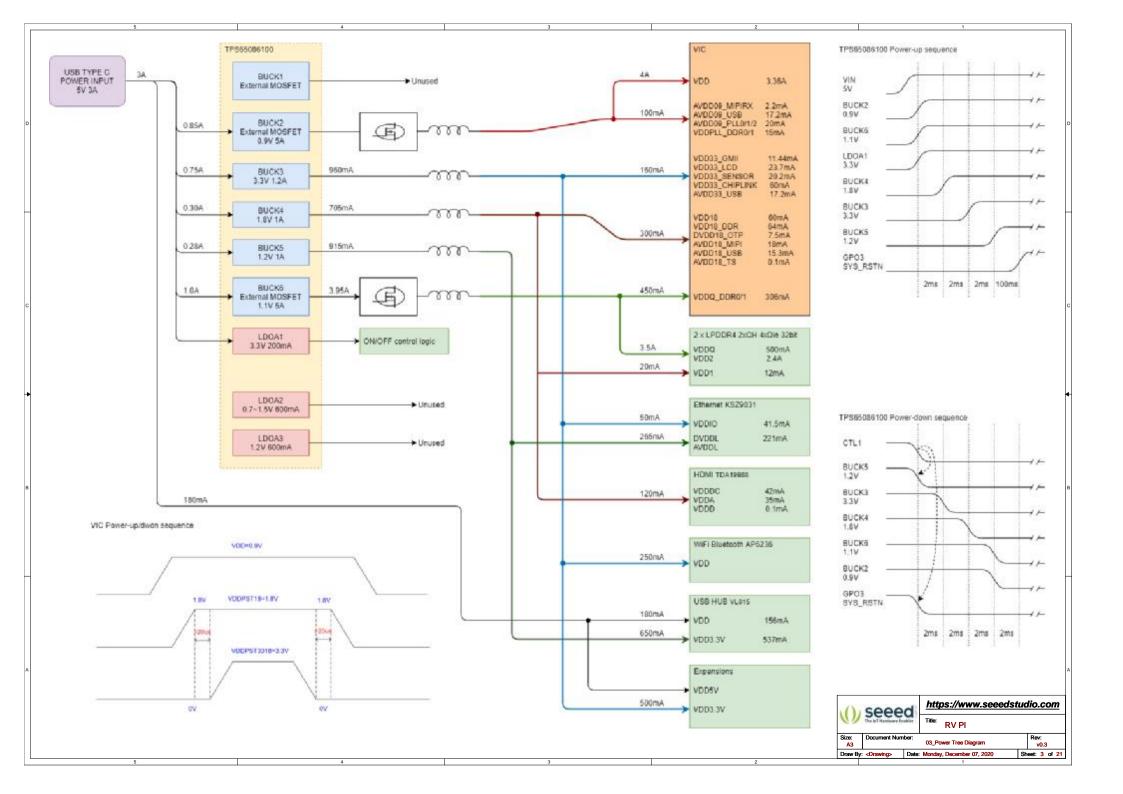
SHEET	SHEET NAME
01	Title/Revision History
02	System Block Diagram
03	Power Tree Diagram
04	PMIC
05	VIC Power
06	VIC DDR Ctrl
07	VIC ChipLink & CM
08	VIC LCD & GMII & GPIOs
09	VIC HighIF & Ctrl Other
10	LPDDR (A)
11	LPDDR (B)
12	Type C,uSD, QSIP Flash
13	USB 3.0 HUB
14	2 x USB TYPE A (A)
15	2 x USB TYPE A (B)
16	2 x CSI CONN
17	DSI, AUDIO JACK
18	HDMI FRAMER
19	WiFi, Bluetooth
20	10/100/1000 ETHERNET
21	RPI EXP CONN, LED, BUTTON

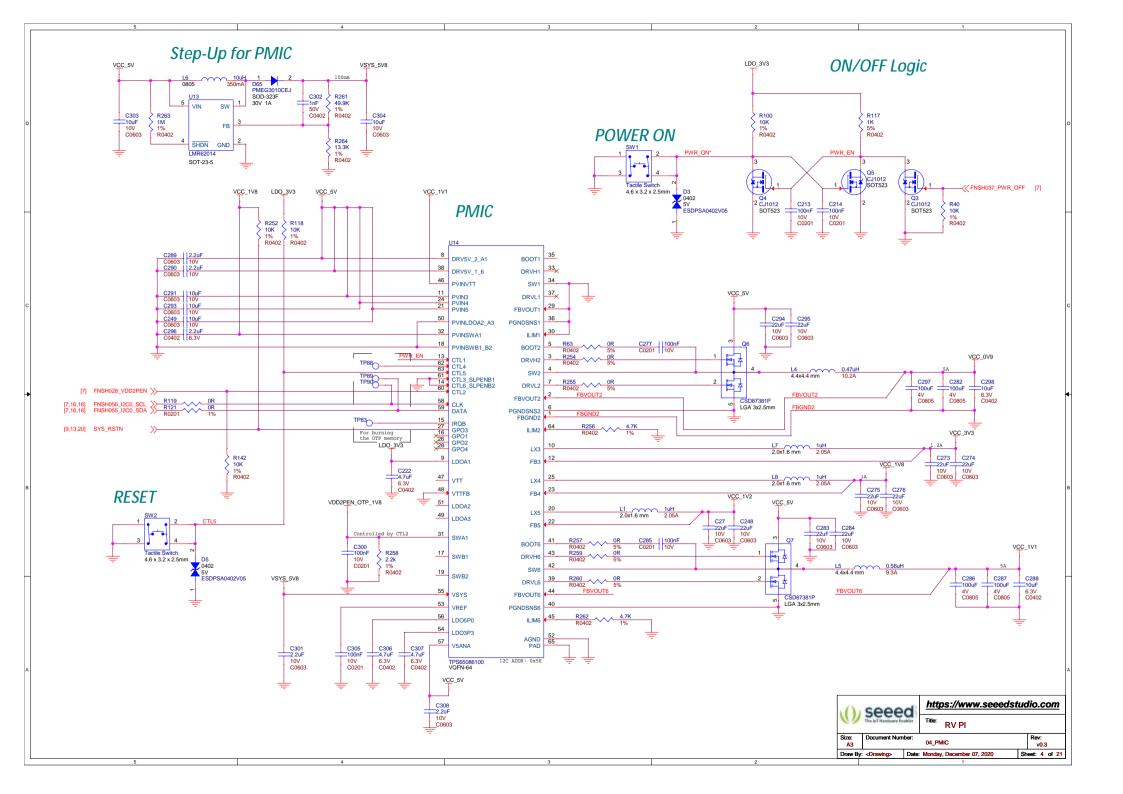
Revision History

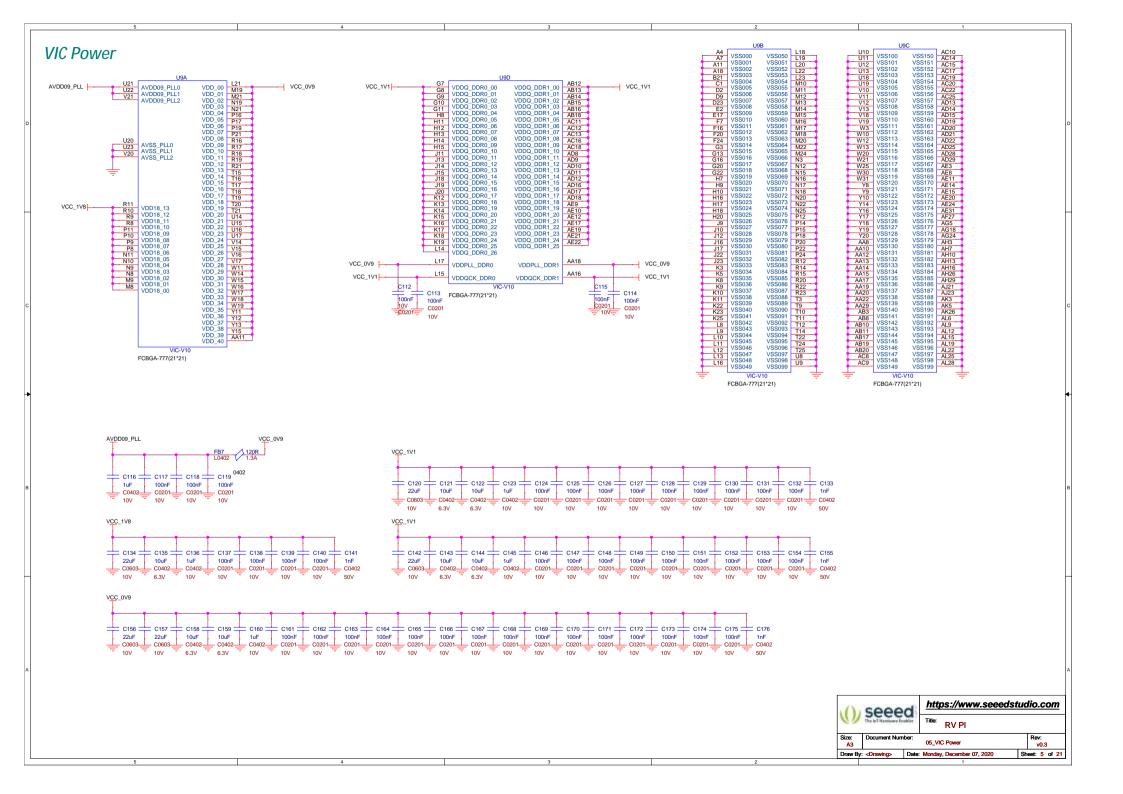
DATE	REVISION	DESCRIPTION
Nov. 23 2020	v0.1	1. Initial release
Nov. 25 2020	v0.2	1. Add USB Hub circuit 2. Modify reset circuit of KSZ9031, removed interrupt function 3. Change 1V2 output form LDO3 to BUCK5
Nov. 25 2020	v0.3	1. Add Power down control and power on button



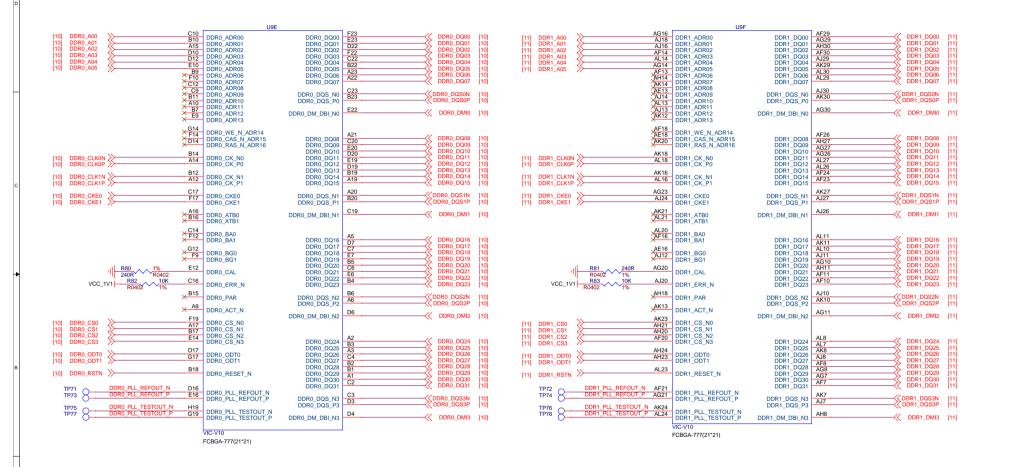




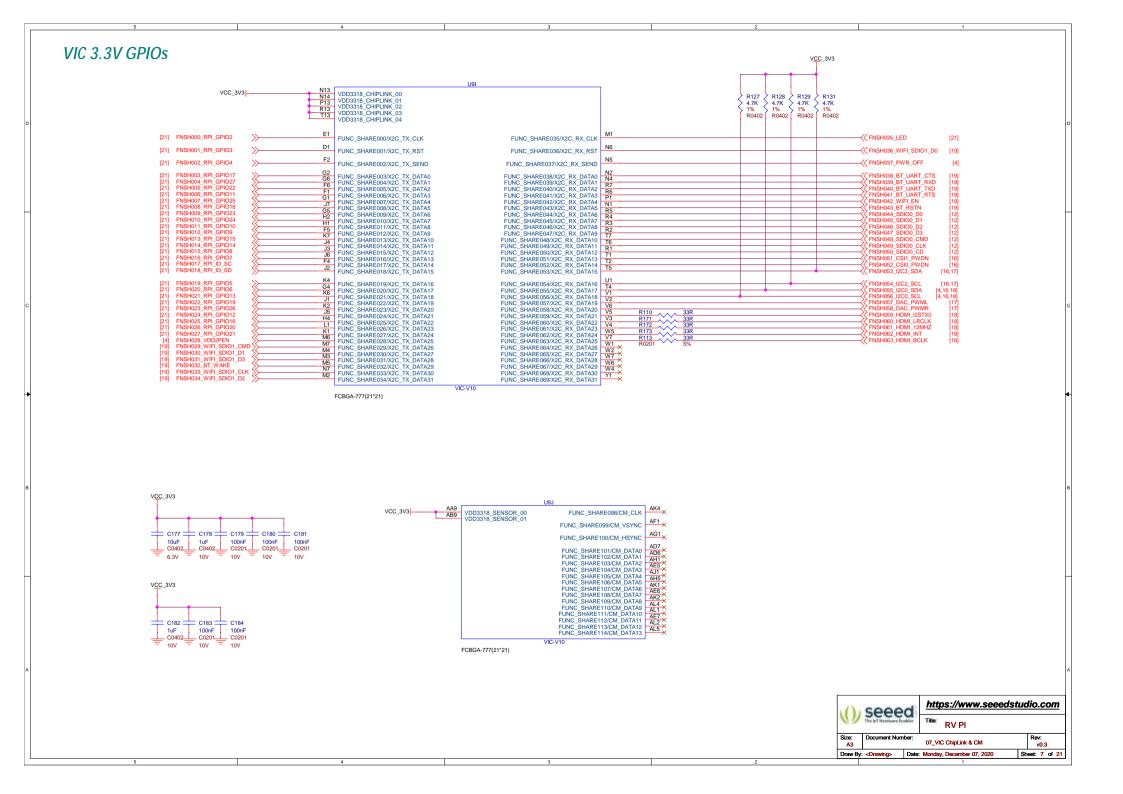


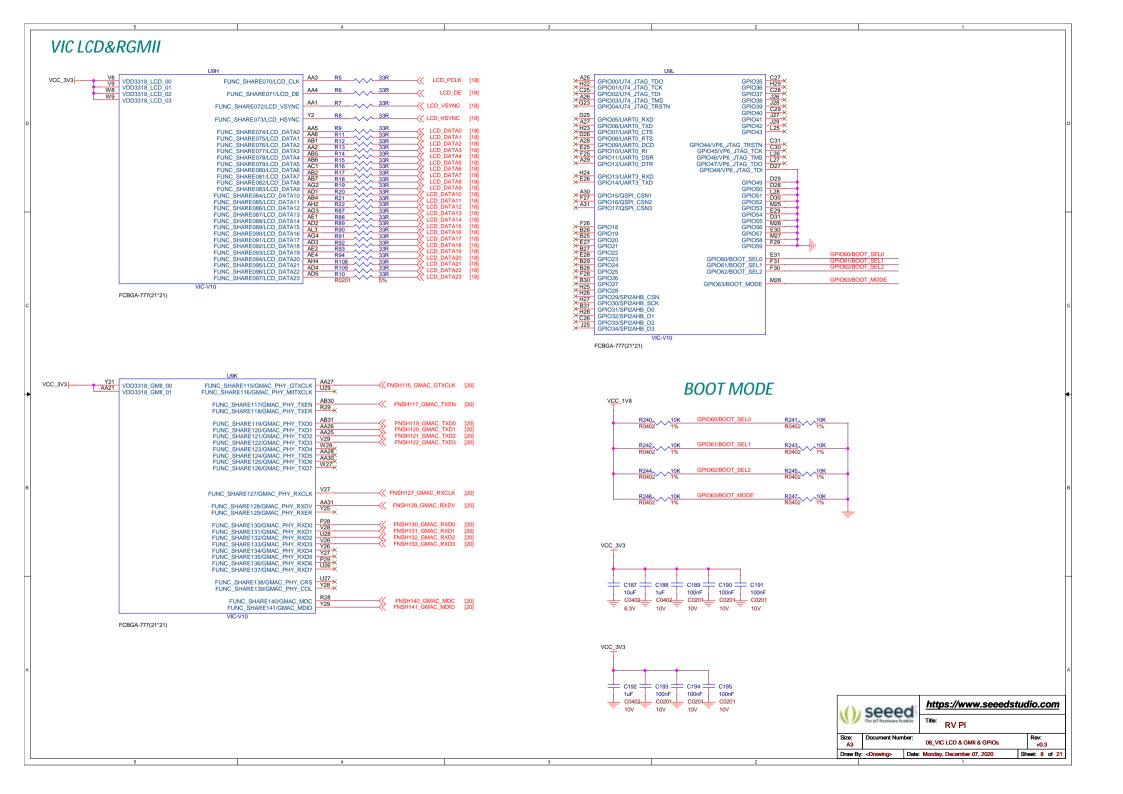


VIC DDR controller

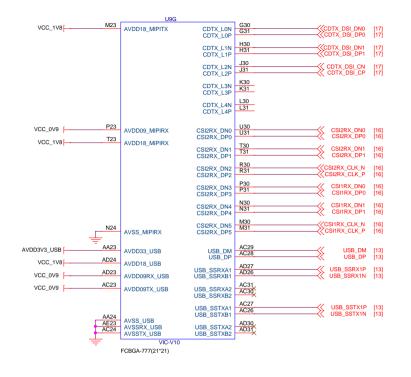


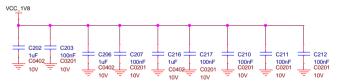
()	Seeed		https://www.seeedstudio.com			
	The InT Hamileure In	-	Title:	RV PI		
Size: A3	Document Num	ber:	06_VI	C DDR Ctrl		Rev: v0.3
Draw By:	Draw By: <drawing> Date:</drawing>		Monday	, December 07, 2020	Sh	eet: 6 of 21

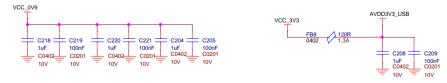




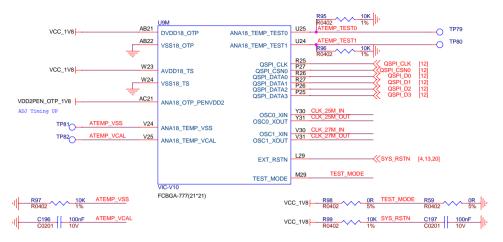
VIC MIPI&USB

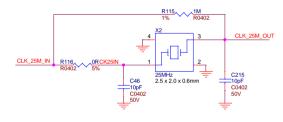


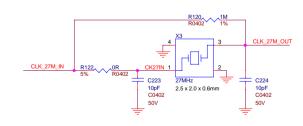




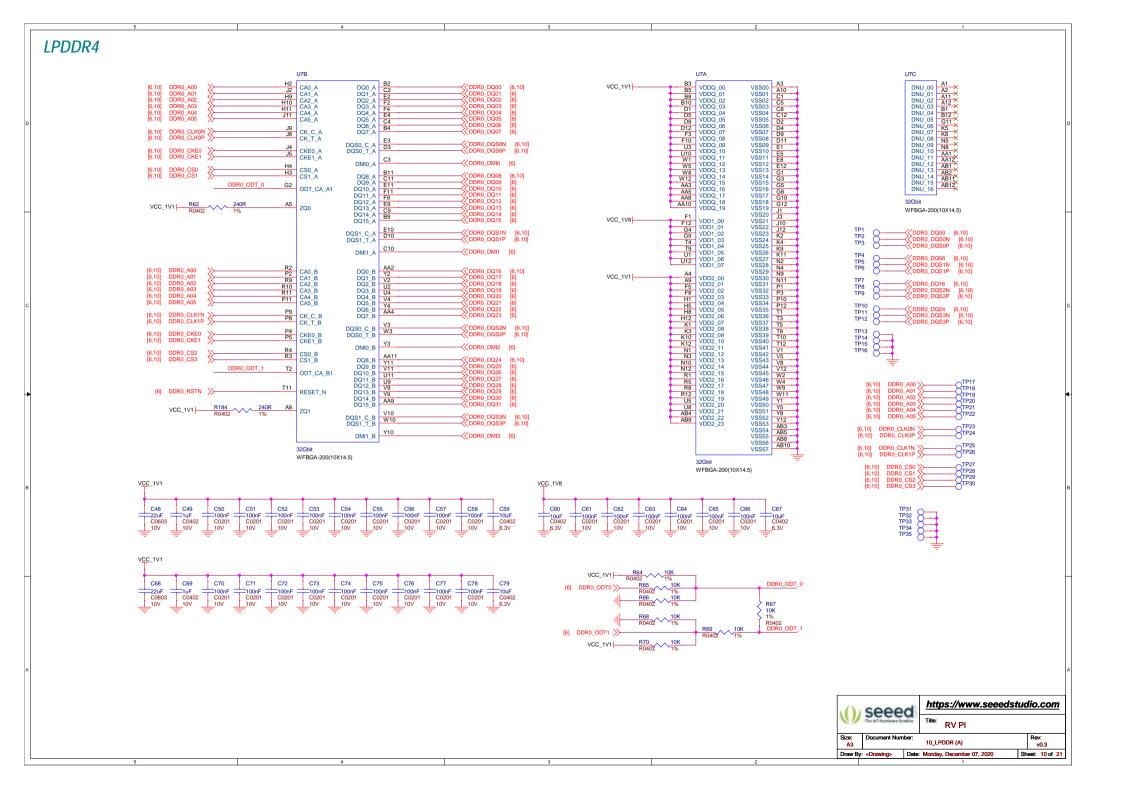
VIC Clock&

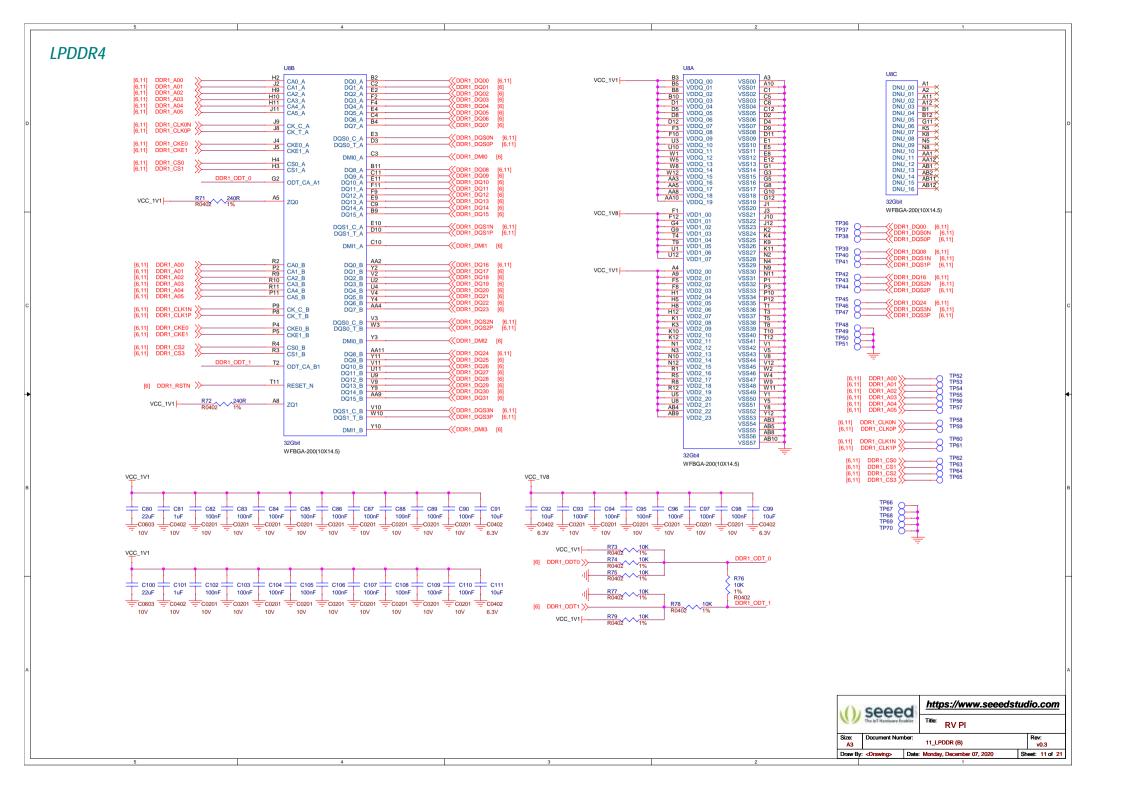


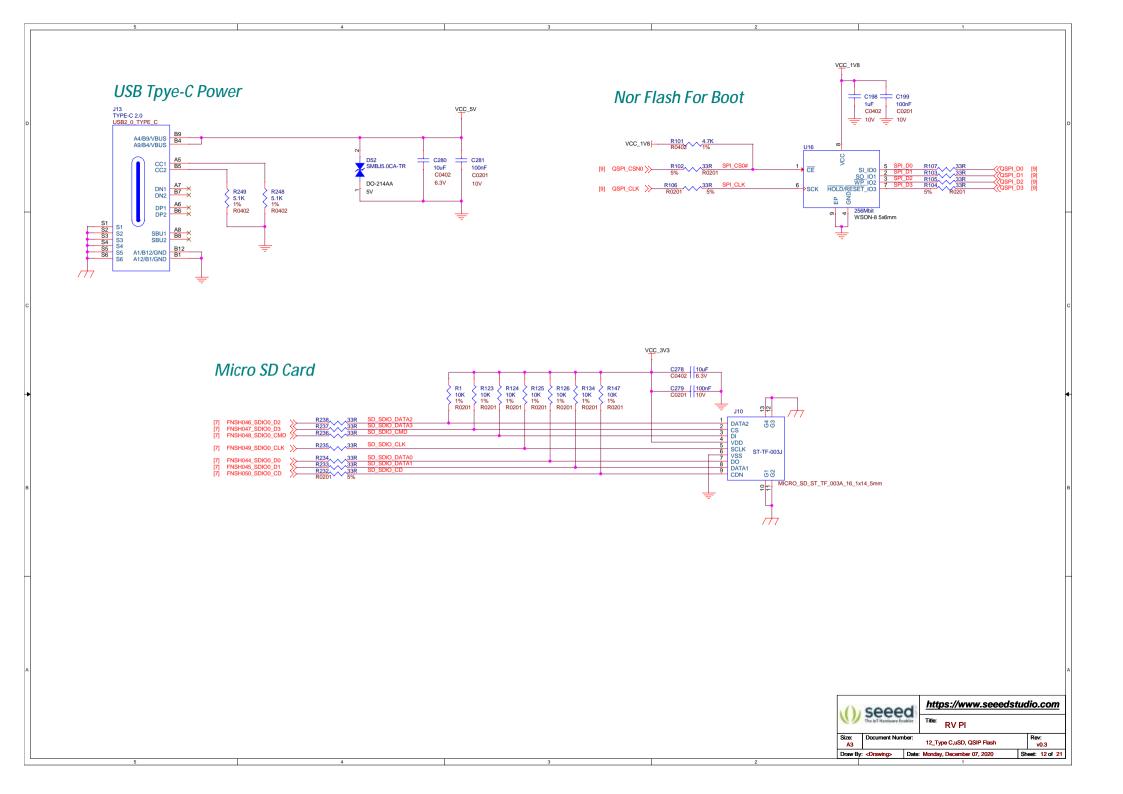


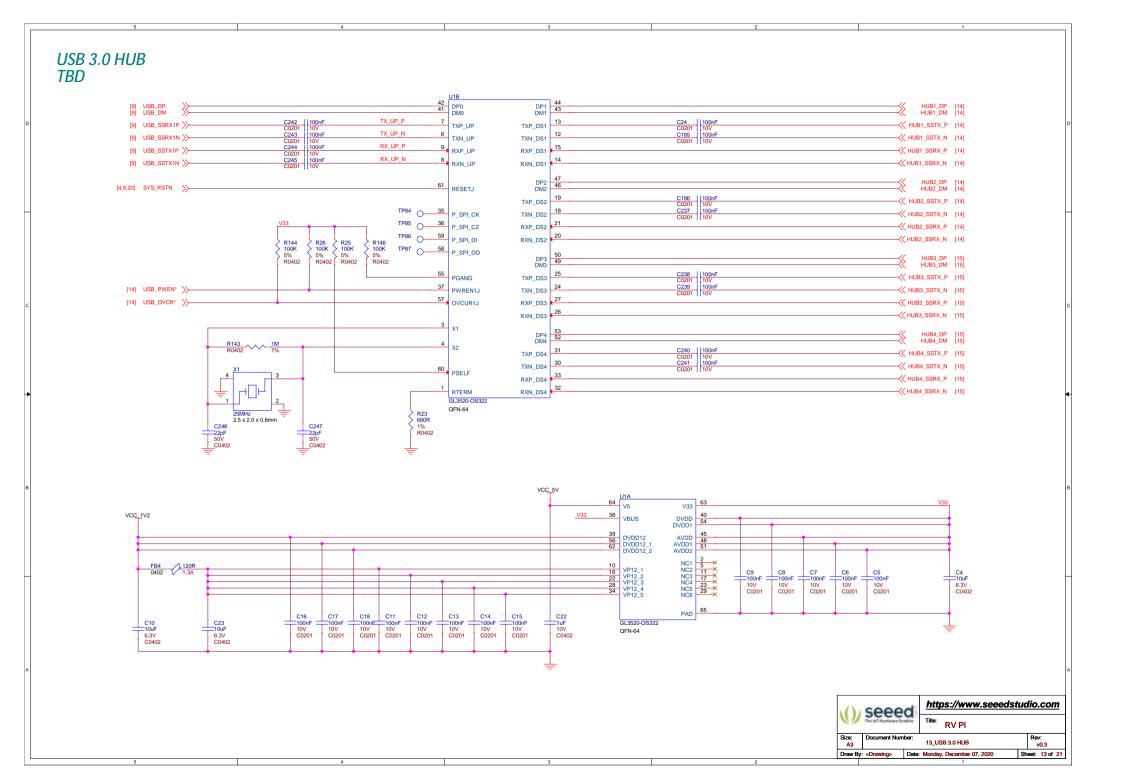


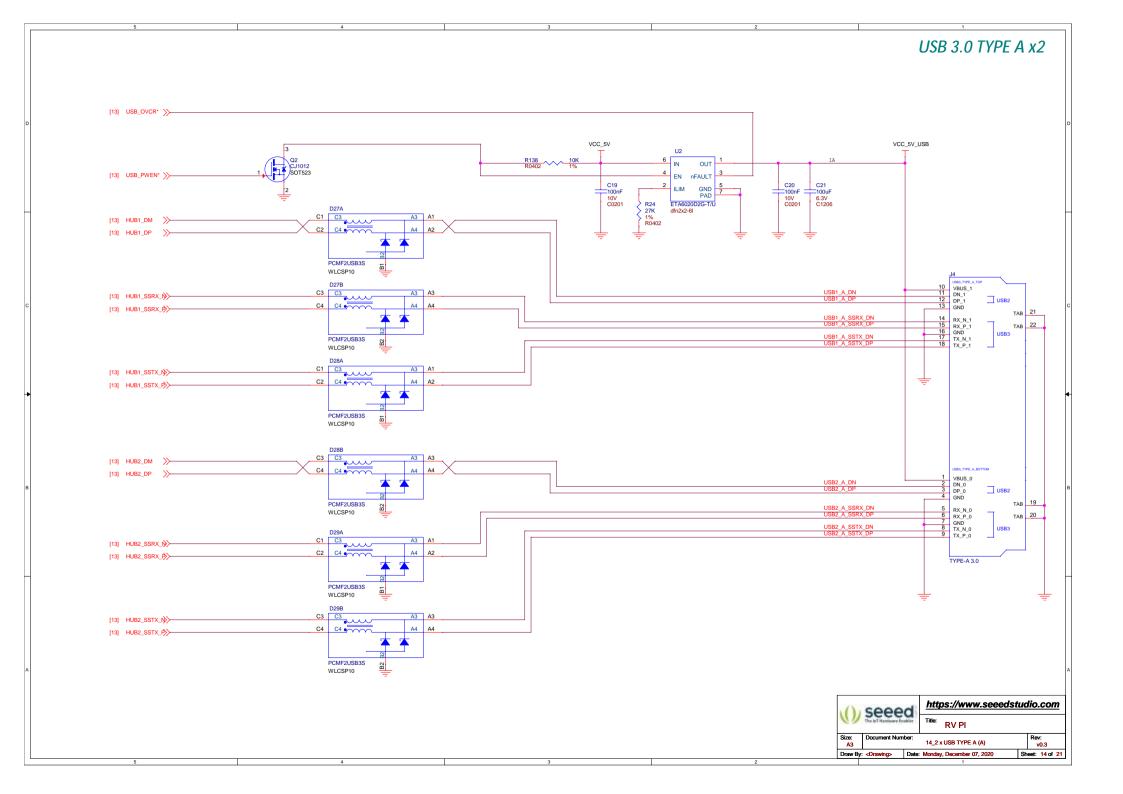
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Si	ize: A3	Document Num	ber:	09_VI	C HighIF & Ctrl Other		Rev: v0.3
D	raw By:	<drawing></drawing>	Date	Monday	, December 07, 2020	Sh	neet: 9 of 21

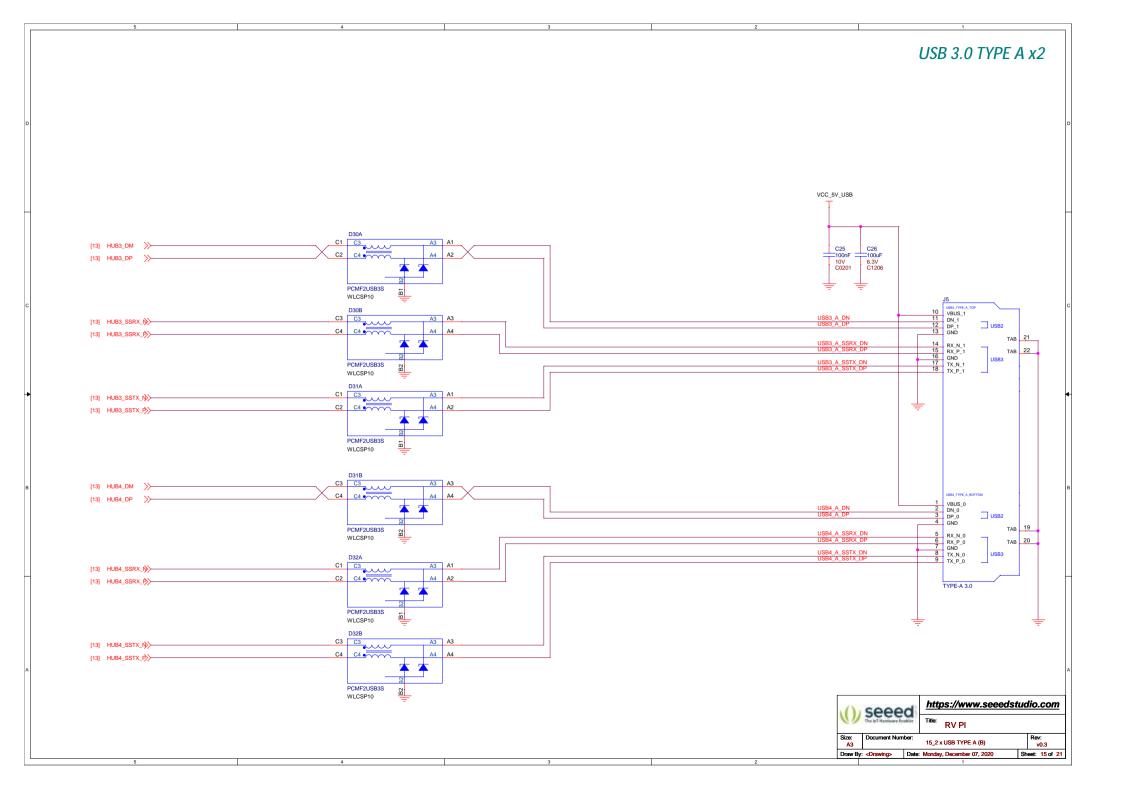


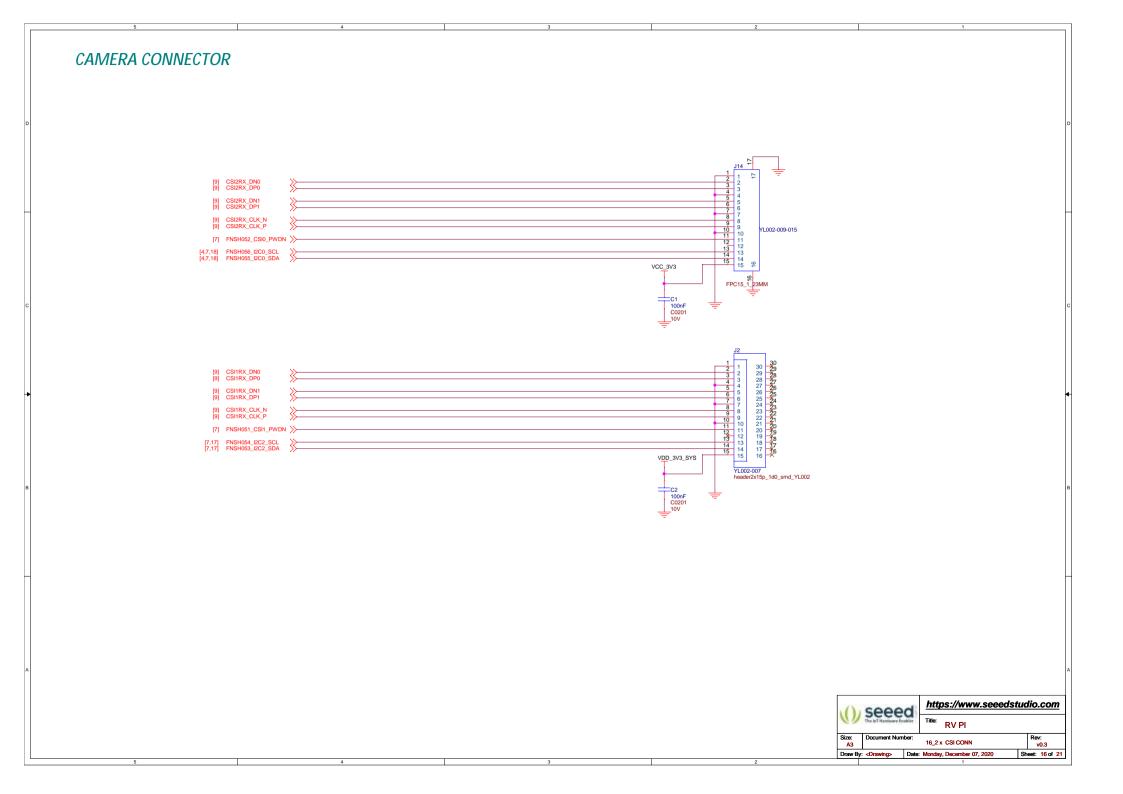






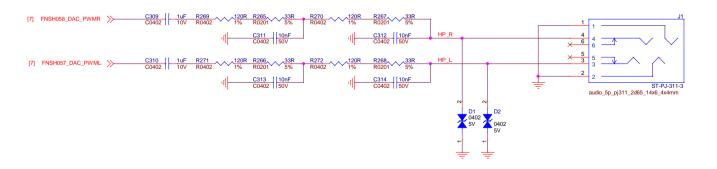




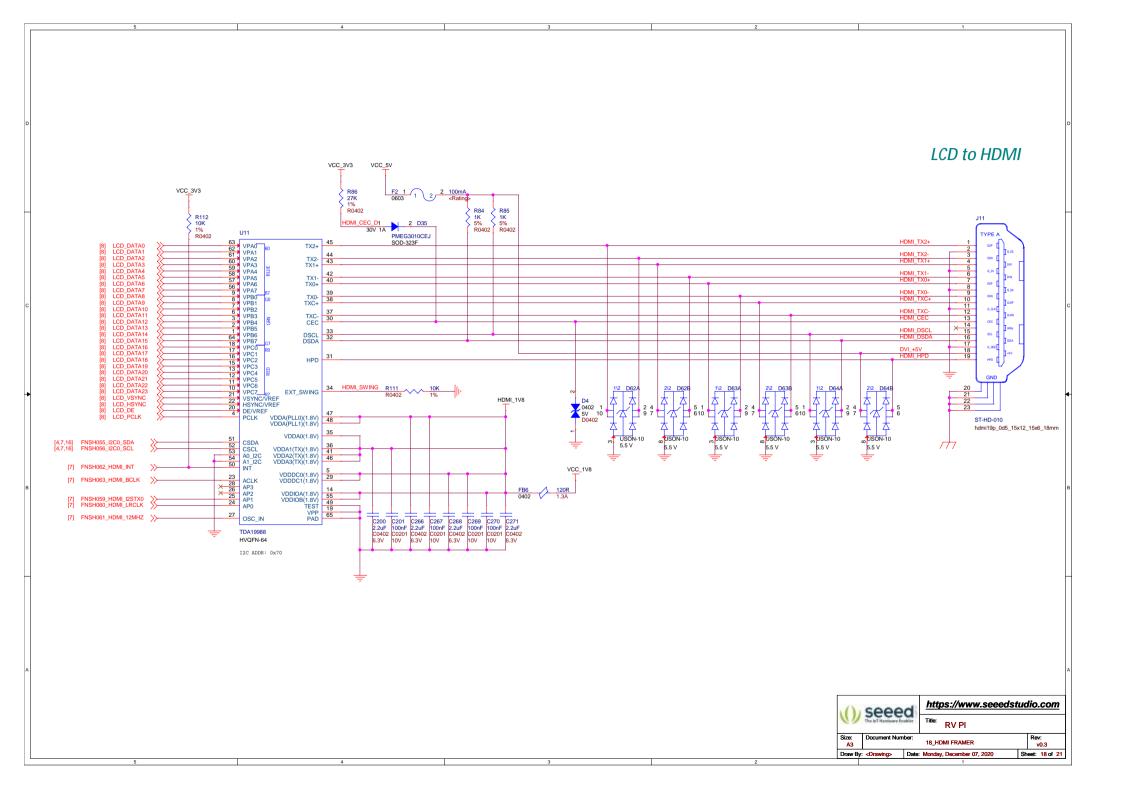


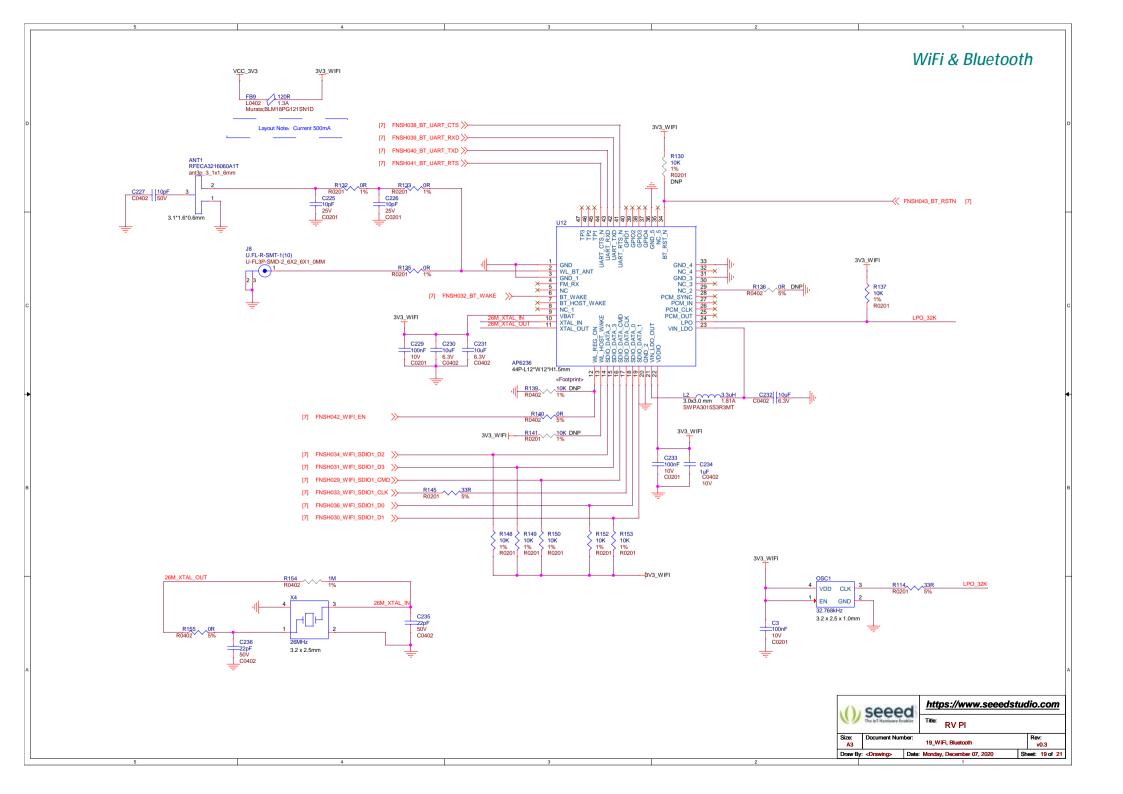
DISPLAY CONNECTOR VCC_3V3 VC

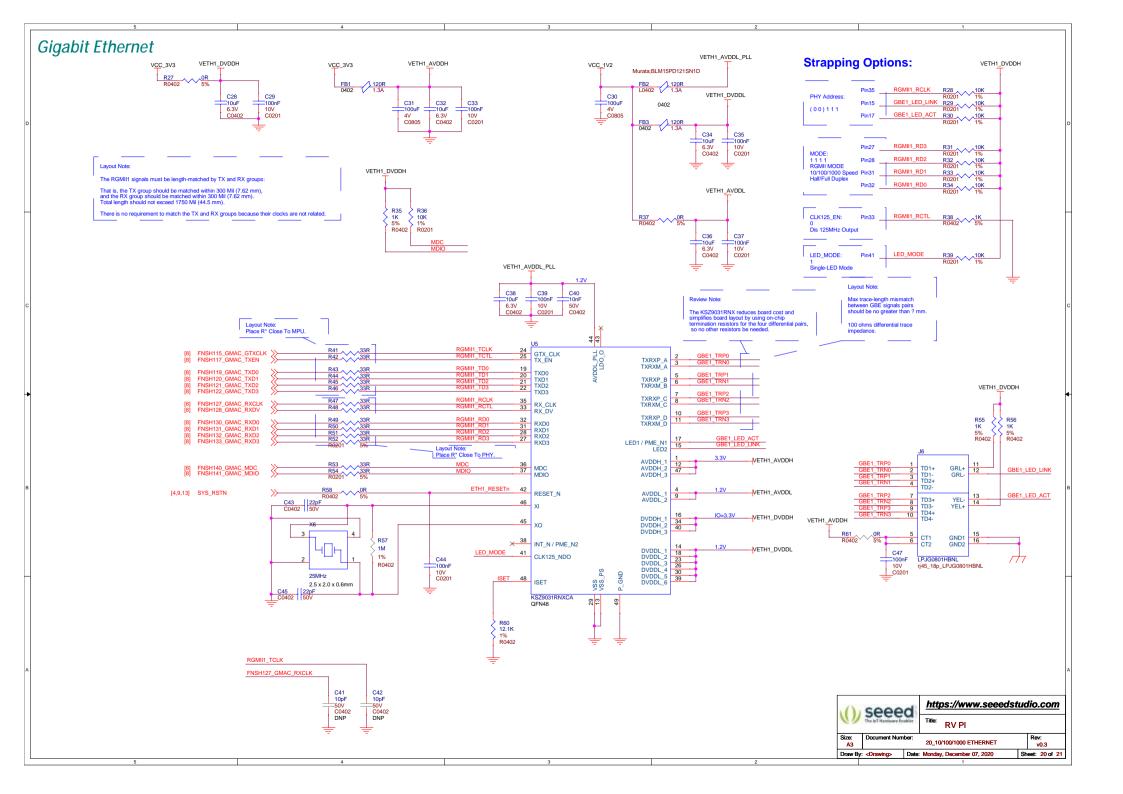
AUDIO



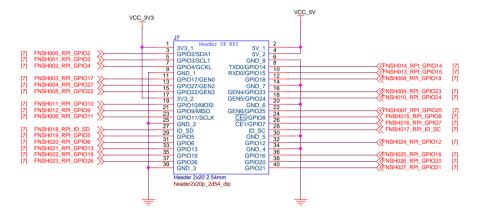




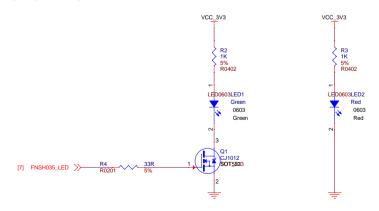




PI connector



ACK&Power LEDs



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W			Title:	RV PI		
Size: A3	Document Num	ber:	21_RF	PLEXP CONN, LED, BUTTON		Rev: v0.3
Draw By: <drawing> Date:</drawing>			Monday	, December 07, 2020	Sh	eet: 21 of 21